



## Food in health security in North East Asia

**Author(s):** Moon HK  
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### Abstract:

Food and health security in North East Asia including South Korea, North Korea, China and Japan was compared. Because this region contains countries with many complex problems, it is worthwhile to study the current situation. With about 24% of the world's population, all North East Asian countries supply between 2400 and 3000 Kcal of energy. Regarding health status, two extreme problems exist. One is malnutrition in North Korea and China and the other is chronic degenerative disease in Japan, South Korea and China. Because quality, quantity and safety of the food supply have to be secured for health security, some topics are selected and discussed. 1) World food price can have an effect on food security for countries with a low food self sufficiency rate such as Japan and Korea; specially, for the urban poor. 2) Population aging can increase the number of aged people without food security. An aged population with less income and no support from their off-spring, because of disappearing traditional values, may have food insecurity. 3) Population growth and economic growth in this region may worsen food problems. Since a quarter of the world's population resides in this region, populations will continue to increase. With economic growth, people will consume more animal products. 4) Climate change generates food production problems. As the progress of industry continues, there will be less land for food and more pollutants in the environment. 5) Political instability will cause food insecurity and conflict will cause problems with regard to food aid.

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### Resource Description

#### Exposure :

weather or climate related pathway by which climate change affects health

Food/Water Security

**Food/Water Security:** Food Access/Distribution

#### Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

#### Geographic Location:

resource focuses on specific location

# Climate Change and Human Health Literature Portal

Non-United States

**Non-United States:** Asia

**Asian Region/Country:** Other Asian Country

**Other Asian Country:** South Korea;North Korea;China;Japan

**Health Impact:** ☐

specification of health effect or disease related to climate change exposure

Malnutrition/Undernutrition, Other Health Impact

**Other Health Impact:** Chronic degenerative disease

**Mitigation/Adaptation:** ☐

mitigation or adaptation strategy is a focus of resource

Adaptation

**Population of Concern:** A focus of content

**Population of Concern:** ☐

populations at particular risk or vulnerability to climate change impacts

Children, Elderly, Low Socioeconomic Status

**Resource Type:** ☐

format or standard characteristic of resource

Review

**Timescale:** ☐

time period studied

Time Scale Unspecified

**Vulnerability/Impact Assessment:** ☐

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content